

AMENDMENTS TO THE DRAWINGS

The attached nine (9) Drawing sheets include changes to Figs. 4, 8, 11a, 11b, 11c, 12, 13, 14 and 15 and replace the original Drawing sheets that included Figures 4, 8, 11a, 11b, 11c, 12, 13, 14 and 15 thereon. In Figs. 4 and 15, the previously omitted reference characters have been added to the Drawing and in Figs. 11a-11c and 12-14, various clerical errors have been corrected.

Attachment: nine (9) replacement sheets.

REMARKS

This case has been carefully reviewed and analyzed in view of the Official Action dated 24 June 2005. Responsive to the objections made in the Official Action, the Drawing Figures of Figs. 4, 8, 11a, 11b, 11c, 12, 13, 14 and 15 have been replaced with corrected formal Drawings and the Specification has been amended.

In the Official Action, the Examiner objected to the Drawings as failing to comply with 37 C.F.R. § 1.84(b)(5), because they include reference characters not mentioned in the description. In particular, the Examiner stated that the characters A0, A1, A14 and A15, in Figure 4; all of the elements in Figs. 8, 9a, 9b, 9c and 10; A0-A7 in Figs. 11a-11c and 12-14 are not described. Further, the Examiner objected to the Drawings under 37 C.F.R. § 1.83(a), as the Drawings must show every feature of the invention specified in the Claims. The Examiner stated that the first through thirtieth XOR gates, as recited in Claims 9-10, the first through 256th XOR gates as recited in Claims 14 and 17 must be shown or the features canceled from the Claims.

Corrected formal Drawings of Figs. 4, 8, 11a, 11b, 11c, 12, 13, 14 and 15 are submitted herewith. Additionally, the Specification has been amended to clarify the relationship of structures defined in the Specification with those shown in the Drawings. No new matter has been added by these changes.

More specifically, the XOR gates shown in Fig. 4 and the OR gates

shown in Fig. 15 have now been appropriately labeled to correspond with the Claim language, as has the Specification. The Claimed structures were shown in the Drawings, as originally filed, and the Claim language provides the antecedent basis for the labeling thereof and reference in the Specification. It is respectfully submitted that all of the elements of Figs. 8, 9a-9c, and 10 are fully described in the Specification beginning on page 13, line 9, and concluding on page 22, line 5. More specifically, the elements of Fig. 8 are described beginning on page 16, line 22 and ending on page 18, line 7. All of the elements of Figs. 9a-9c are described in the Specification from page 19, line 3 through page 20, line 12. All of the elements of Fig. 10 are described in the Specification beginning on page 20, line 18 and concluding on page 22, line 5. For further clarity, amendments have been made to the Specification beginning on page 19, line 7 and extending through page 20, line 12.

As the limitations defined in Claims 9, 10, 14 and 17 are now properly identified in the Drawings, such structures being present in the Drawings, as originally filed, it is now believed that the objection to the Drawings under 37 C.F.R. § 1.83(a), has been overcome. Further, as it is believed that all of the elements of Figures 8a, 9a, 9b, 9c, 10, 11a-11c, and 12-14 were originally described in the Specification, it is believed that the objection under 37 C.F.R. § 1.84(p)(5) has been overcome.

MR2685-151
Serial Number: 10/717,459
Reply to Office Action dated 24 June 2005

Therefore, it is now believed that the subject Patent Application has been placed in condition for allowance, and such action is respectfully requested.

Respectfully submitted,
For: ROSENBERG, KLEIN & LEE

A handwritten signature in cursive script, reading "David I. Klein".

David I. Klein
Registration #33,253

Dated: 21 Oct. 2005

Suite 101
3458 Ellicott Center Drive
Ellicott City, MD 21043
(410) 465-6678
Customer No. 04586